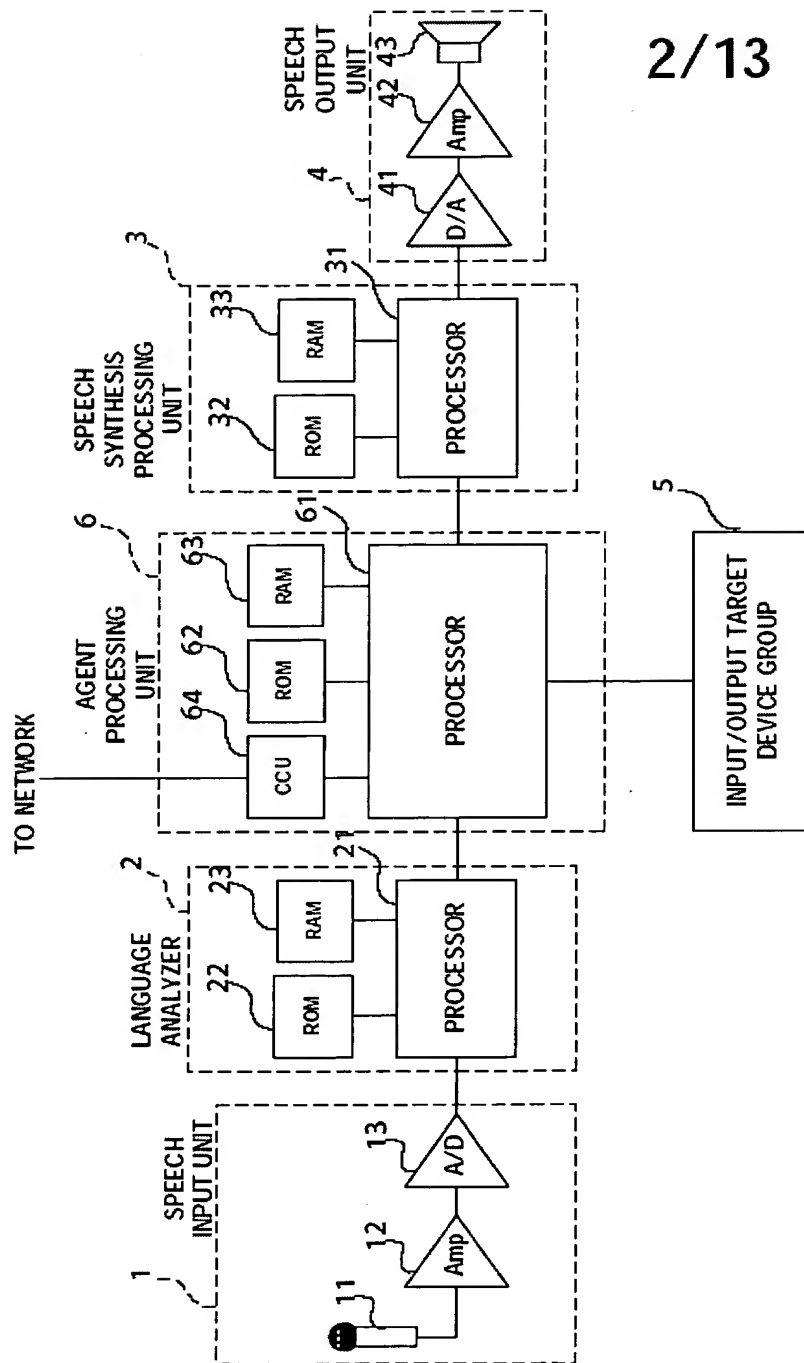


FIG.1

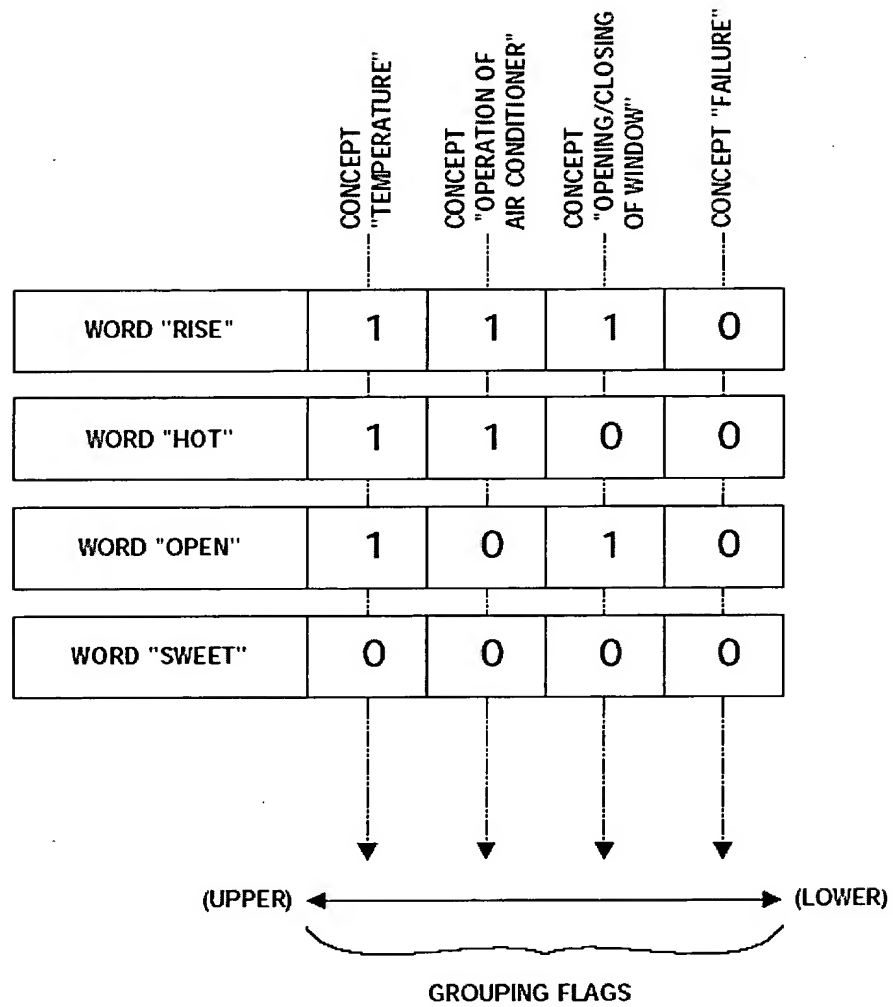


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FIG.2

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FIG.3



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TRIGGER ACQUISITION PROCESS SYMBOL : TG	TRANSITION CONSTANT k
TG01 : HOT	0.8
TG02 : OPEN	0.7
TG03 : CONCEPT "TEMPERATURE"	0.5
TG04 : CONCEPT "OPERATION OF AIR CONDITIONER"	0.5
⋮	⋮

FIG.4A

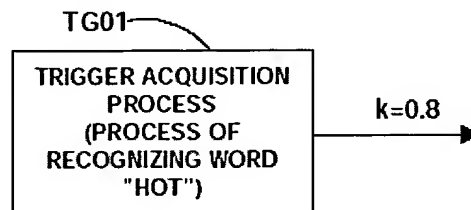


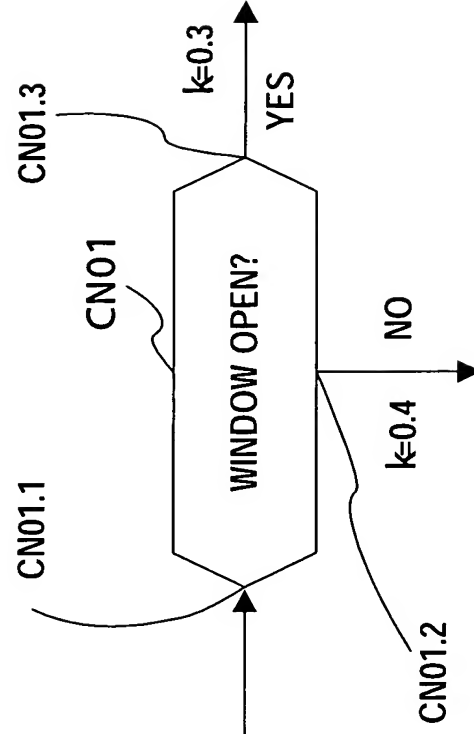
FIG.4B

FIG.5A

DETERMINATION PROCESS SYMBOL : CNxx	TRANSITION CONSTANT k
CN01 : WINDOW OPEN?	Yes : 0.3, No : 0.4
CN02 : IS STATUS ON?	Yes : 0.5, No : 0.3
CN03 : IS ROOM TEMPERATURE 20°C OR HIGHER?	Yes : 0.8, No : 0.5
...	...

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FIG.5B



DETERMINATION PROCESS(INQUIRY MADE)	TRANSITION CONSTANT k
SYMBOL : QBxx	
QB01 : OPEN WINDOW? OR ACTIVATE AIR CONDITIONER?	WINDOW : 0.4
QB02 : CLOSE WINDOW?	AIR CONDITIONER : 0.7
QB03 : RAISE TEMPERATURE?	Yes :0.5 No : 0.3
...	Yes :0.8 No : 0.5
...	...

FIG.6A

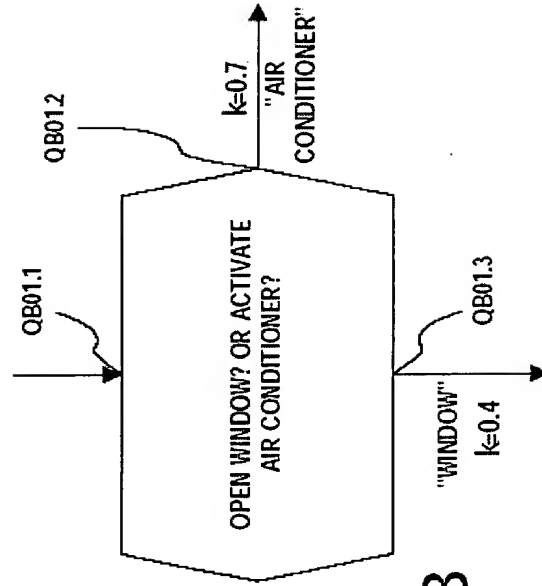


FIG.6B

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OUTPUT PROCESS SYMBOL : EXxx	TRANSITION CONSTANT k
EX01 : CLOSE WINDOW+OPERATE AIR CONDITIONER	0.8
EX02 : ACTIVATE AIR CONDITIONER	0.8
EX03 : OPEN WINDOW	0.8
⋮	⋮

FIG.7A

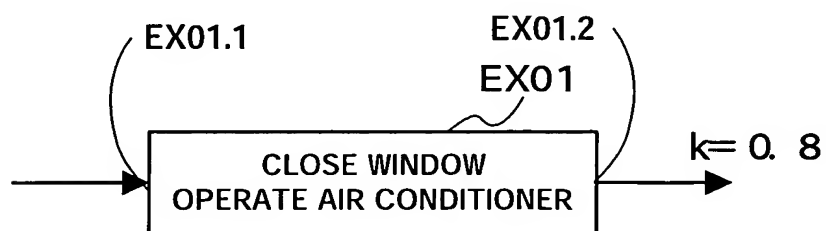


FIG.7B

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WIRE NUMBER W _n	PRECEDING NODE	FOLLOWING NODE	WEIGHTING FACTOR J
W1 = From (TG01.1) To (CN01.1),			0.8
W2 = From (CN01.3) To (EX01.1),			0.24
W3 = From (CN01.2) To (QB01.1),			0.32
W4 = From (TG02.1) To (EX03.1),			0.7
W5 = From (QB01.3) To (EX03.1),			0.128
W6 = From (QB01.2) To (EX02.1),			0.224
W7 = From (EX02.2) To (TG03.1),			0.7
	⋮		

FIG.8

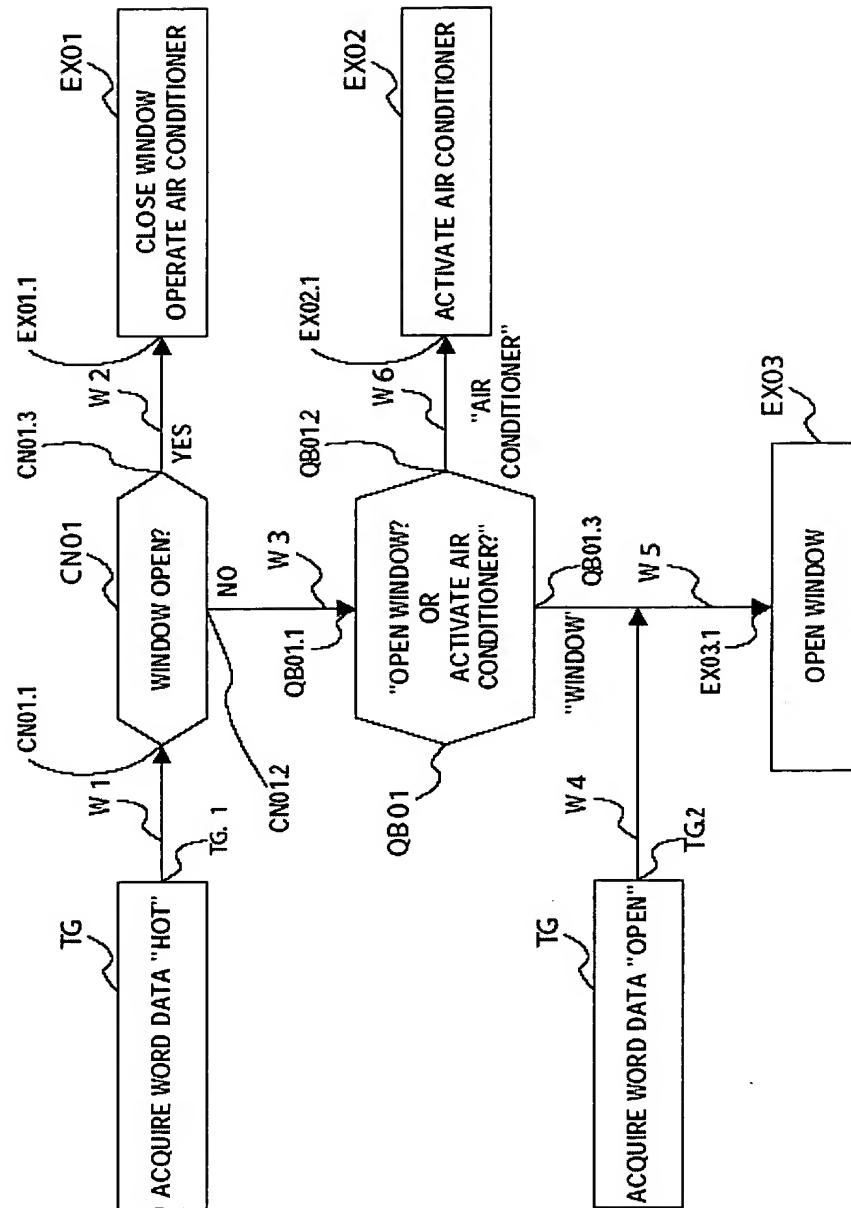


FIG. 9

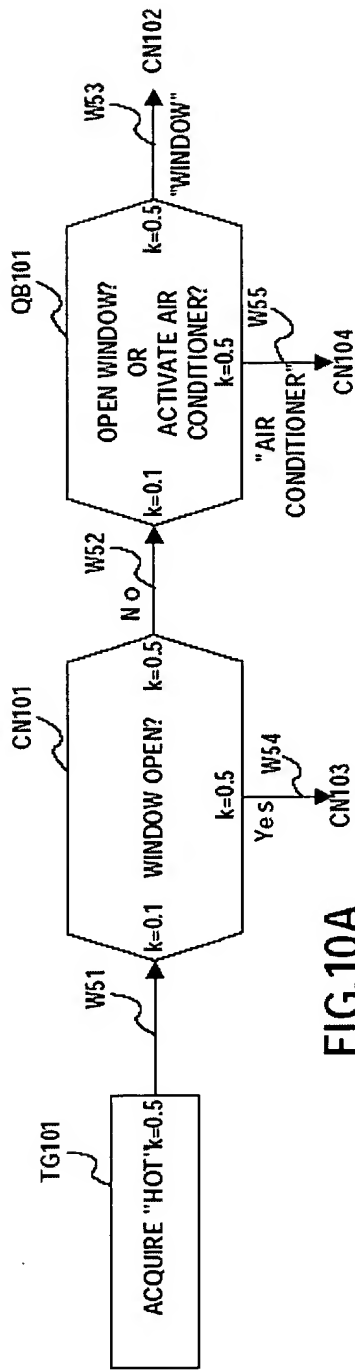


FIG.10A

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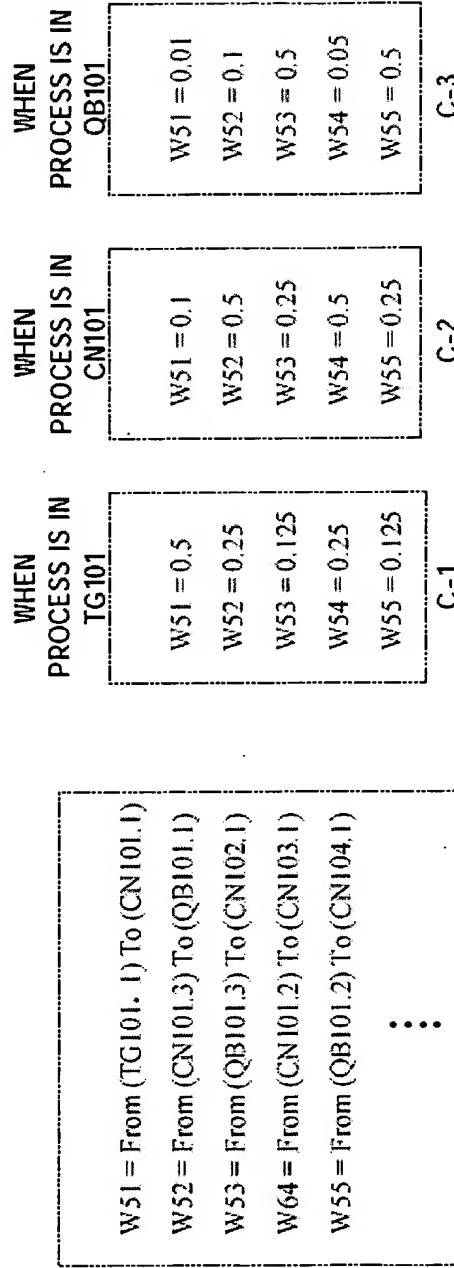
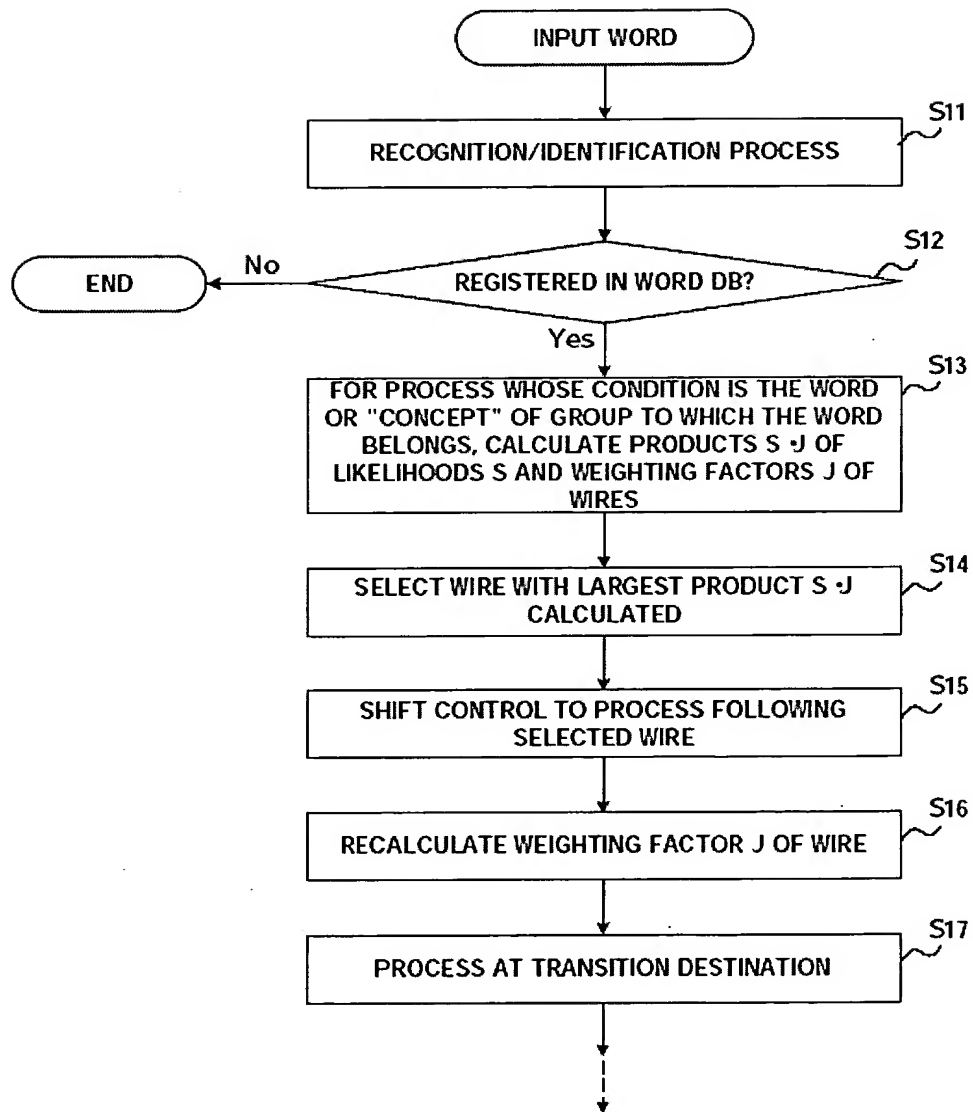


FIG.10B

FIG.10C

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FIG.11



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FIG.12

